USPS Pricing Engine Web Services

June 05, 2020

Summary

This is the Domestic and International Pricing Engine SDK (version 11.9.0.0) for the July 2020 Release. The following is a list of enhancements included in this release.

BNS 5295 - RCalc/Price Engine - Intl Outbound Country-Based Pricing

Allows for changes to country information based on an effective date. GetCountryInformation which will now return multiple price types each with a price group, to enable different price groups to be assigned by Price Type. Price Types are R (Retail), B (Commercial Base), P (Commercial Plus), 1 (NSA1), 2 (NSA2).

BNS 5295 - RCalc July 2020 - Remove UPUXIT Code from Price Engine

Removed UPUXIT code that will not be used.

Effective Date for International Zone Charts

The international zone returned by Price Engine for Canada is now based on the mail date.

Price Engine - Remove Table-Oriented Code

Removed table-oriented code no longer used with SKU-based pricing.

Trap/Handle Invalid SDC/Kahala Response to ServiceDeliveryExtensions.International.Providers.OnlineProvider

An exception and an error message will be report when an attempt to communicate with SDC/Kahala fails.

Changes to the Database Structure

There are no new databases in this release. That is different from previous price changes but since there were no new prices it was deemed un-necessary. There are a number of new tables and modifications to existing table structures to support the 11.9.0.0 updates.

Updated version number and sign all DLLs

All the libraries have been update to version 11.9.0.0 and re-signed.

Databases

Again, there are no new databases. The scripts supplied will perform the updates required. Please note a new folder, the SKUDictionary folder. The SQL scripts contained within are to be executed on the domestic and international databases.

The simplest way to execute these is to use the batch script “sql_update.bat”. Execute the batch file and pass in the database name as a parameter as shown below:

- sql_update USPS_DOM_2020_01
- sql_update USPS_INTL_2020_01

If you cannot use the batch script, they are displayed in the required execution order.

Impact on Existing Applications

WSDLs have not been update; you should not have to rebuild your applications.